A-dec 500 Chair
Quick Start Guide

About the A-dec 500 Chair

The A-dec 500 dental chair is a hydraulically controlled dental chair providing a balance between patient comfort and doctor efficiency. The ease of operation and patient access was designed based on direct input from practicing dentists and hygienists.

Power On/Off

The Power On/Off button is located on the base of the chair. This function allows you to engage power or disengage power to the entire system. When the button is pressed in, the system has power. When the button is out, the system has no power.

Status Icon

When an assistant's instrumentation or delivery system is installed on the chair, the A-dec logo on the touchpad illuminates indicating the status of the chair.

- Solid Blue: Normal operation.
- Blinking: The chair stop plate limit switch or the support-side limit switch has been activated. Remove any obstructing object.

Stop Plate

The chair stop plate stops chair movement immediately when it is pressed. Should anything inadvertently become lodged under the chair, press **Base Up** on the footswitch or touchpad to raise the chair so the object can be removed.
As long as pressure is applied to the stop plate, the chair will not move down.

Swivel Brake

The chair can rotate to any position within 30° either side of center. The chair swivel brake restricts rotation of the chair. To engage the brake, push the brake lever firmly to the left. To release the swivel brake, push the brake lever to the right. If the chair swivels with the brake engaged, or if it is difficult to move with the brake disengaged, adjust the swivel brake tension.

Headrest

- Adjustment lever allows the headrest to be adjusted using one hand. When the lever is released, the headrest holds its position.
- The glide bar allows the headrest to accommodate a variety of patient heights. Pull up or push down on the headrest until it is at the desired height.

  NOTE: When the bar has reached its maximum recommended height, a warning will become visable on the bar. Do not use the headrest if this warning is visible.
- When the chair back is raised or lowered, the gliding headrest automatically follows the motion of the patient.

Armrests

The armrests on the A-dec 500 chair are designed to allow easy access for both the patient and the doctor.

- Patient entry/exit: Lift the armrest to unlock it, and lower it into position. To reposition the armrest, lift the armrest back into the standard position.
- Working Direct: Rotate the armrest toward the toe of the chair and lower it into the operator access position. To reposition the armrest, lift up and rotate it into the standard position.

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How to Program Your Chair

This table explains how to program chair functions using a footswitch, standard touchpad, or a deluxe touchpad.

Table 1 Steps for programming chair positions

Step	Action
1	Use the manual controls (arrows) to position the chair to the desired operating position.
2	Press and release **Program** (one beep).
3	Press the button you wish to program (three beeps).

Position 3 can be set to either a programmed position or an x-ray/rinse position.
The table below explains how to set the function for Position 3.

Table 2 Steps for setting position 3 function

Step	Action
1	Press and hold **Program** and then **Position 3**. Hold together for four seconds (one beep). The x-ray/rinse function is disabled, and Position 3 is now a programmable position.
2	Program position (see Table 1).
3	To return to the x-ray/rinse function, press and hold **Program** and then **Position 3**. Hold together for four seconds (three beeps). The x-ray/rinse function is enabled.

NOTE: Disabling the x-ray/rinse function is a global function for both mode A and mode B.

The dual operator modes (A/B) on the deluxe touchpad allow for additional programmable chair positions for a total of eight presets. This table explains how to program chair functions in the dual operator modes.

Table 3 Steps for programming dual operator mode (A/B)

Step	Action
1	Select the operator mode being programmed A/B. The letter in the lower left-hand corner of the touchpad screen shows which mode is being programmed.
2	Program position (see Table 1).

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Maintenance Record

Date of Service	Model/Description of Service	Technician's Initials

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